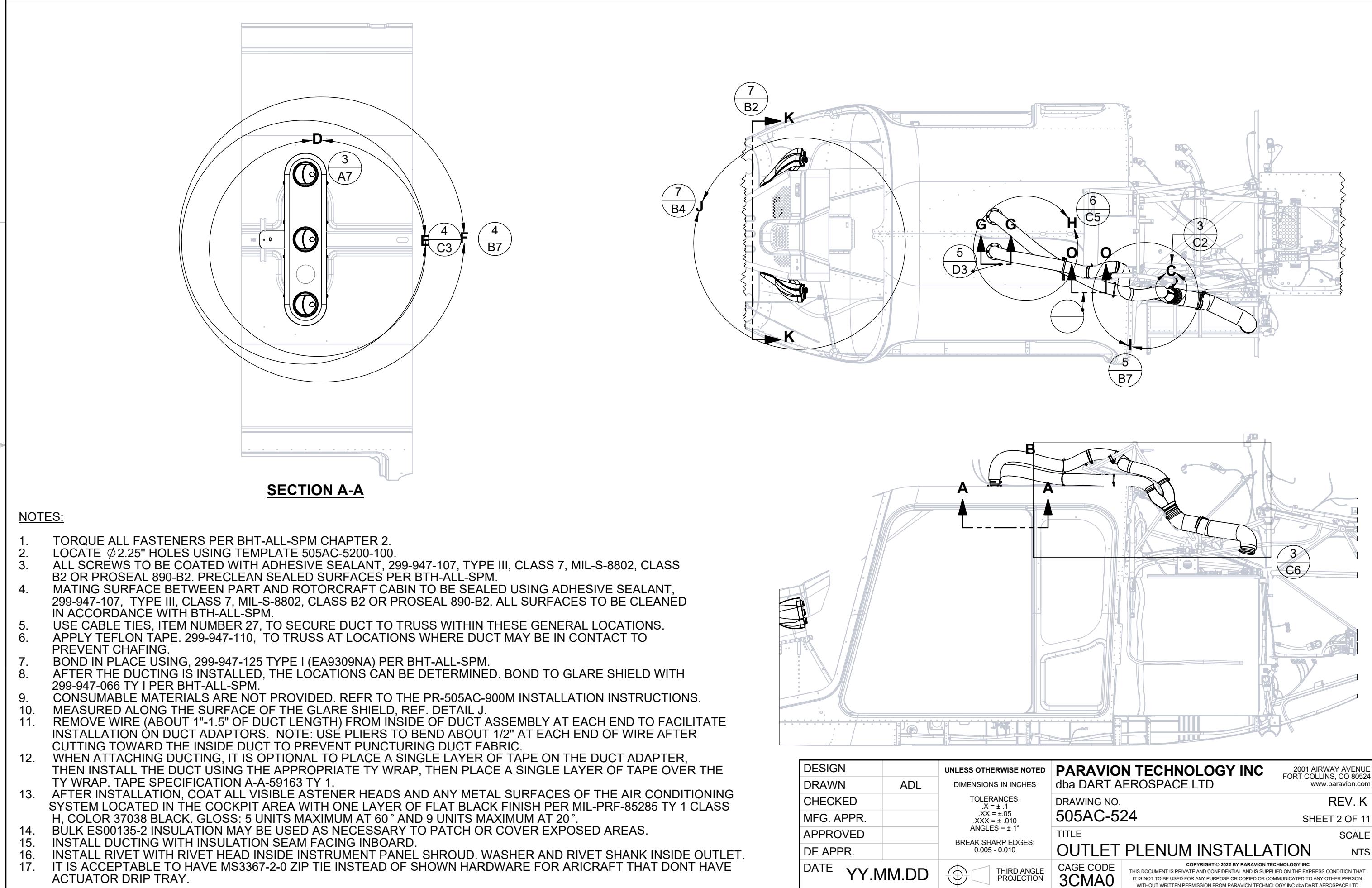
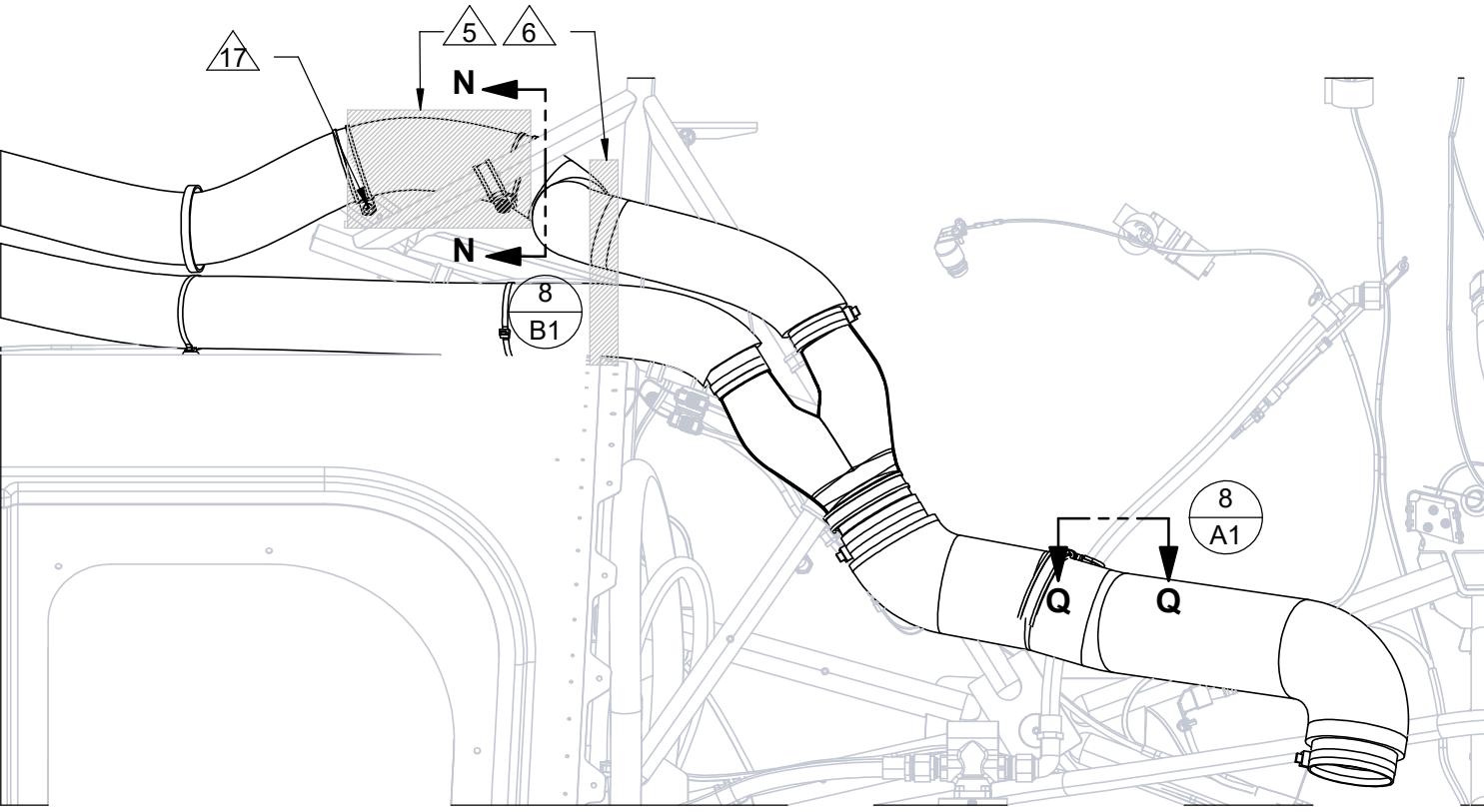


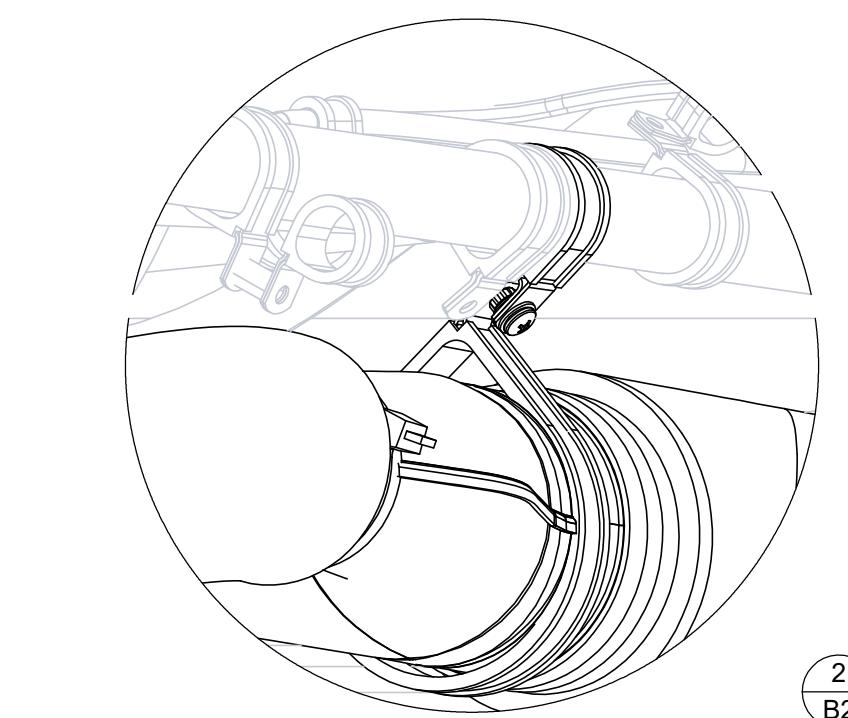
QTY	X	P/N	DESCRIPTION
X	-	505AC-524-5	OUTLET PLENUM INSTALLATION
-	X	505AC-524-2	OUTLET PLENUM INSTALLATION
-			
8	8	140-001-1	WASHER
1	1	505AC-5200-100	ALIGNMENT TOOL
2	-	505AC-5220-77	OUTLET CAP ASSY
1	-	505AC-5220-71	LH OUTLET HOUSING ASSY
1	-	505AC-5220-70	RH OUTLET HOUSING ASSY
1	1	505AC-5220-49	RIGHT FRT DUCT ASSY
1	1	505AC-5220-46	LEFT FRT DUCT ASSY
1	1	505AC-5220-34	AFT DUCT ASSY
1	1	505AC-5220-23	T-FITTING
1	1	505AC-5220-15	FRT DUCT
2	2	505AC-5220-7	OUTLET FLANGE
1	1	505AC-5200-5	Y-FITTING
1	1	505AC-5220-1	AFT OUTLET ASSY
1	1	ALBCBS 303 59-9	TIEDOWN STRIP
8	8	NAS9301B4-03	RIVET(ALT: CR3213-4-03, 1624-0411)
12	12	NAS1149CN816R	WASHER
12	12	NAS1149DN832J	WASHER
8	8	NAS1149D0332J	WASHER
4	4	NAS9926-3L	LOCKING NUT
3	3	CB9302V3	TIE MOUNT
4	4	MS3367-2-0	ZIP TIE
11	11	MS3367-3-0	ZIP TIE
3.75in	3.75in	MS21266-3N	GROMMET STRIP
12	12	MS21042L08	NUT
2	2	MS21919WDG16	ADEL CLAMP
12	12	MS27039-0807	SCREW
1	1	MS21919WDG10	ADEL CLAMP
1	1	NAS43DD3-23FC	SPACER
2	2	MS21919WDG40	ADEL CLAMP
2	2	MS27039-1-08	SCREW
1	1	MS27039-1-15	PAN HEAD SCREW
2	2	MS21919DG50	ADEL CLAMP
8	8	91249A147	PAN HEAD SCREW BLACK
8	8	96765A115	WASHER SS BLACK
1	1	MS270399-1-10	SCREW
1	1	505AC-5220-10	AFT OUTLET ASSY
8	8	SRVO-2672B	SNAP RIVET
-	1	505AC-5220-50	LEFT FRT GLR DUCT ASSY
-	1	505AC-5220-51	RIGHT FRT GLR DUCT ASSY
-	2	EST2184-1	LOUVER ASSEMBLY BULKHEAD
-	1		

REV.		DESCRIPTION		BY	DATE
DESIGN		UNLESS OTHERWISE NOTED	PARAVION TECHNOLOGY INC dba DART AEROSPACE LTD		
DRAWN	ADL	DIMENSIONS IN INCHES	2001 AIRWAY AVENUE FORT COLLINS, CO 80524 www.paravion.com		
CHECKED		TOLERANCES:	REV. K		
MFG. APPR.		X = ±.1 XX = ±.05 XXX = ±.010 ANGLES = ± 1°	SHEET 1 OF 11		
APPROVED		BREAK SHARP EDGES:	SCALE		
DE APPR.		0.005 - 0.010	NTS		
DATE	YY.MM.DD	THIRD ANGLE PROJECTION	OUTLET PLENUM INSTALLATION		
CAGE CODE	3CMA0	COPYRIGHT © 2022 BY PARAVION TECHNOLOGY INC THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM PARAVION TECHNOLOGY INC dba DART AEROSPACE LTD			

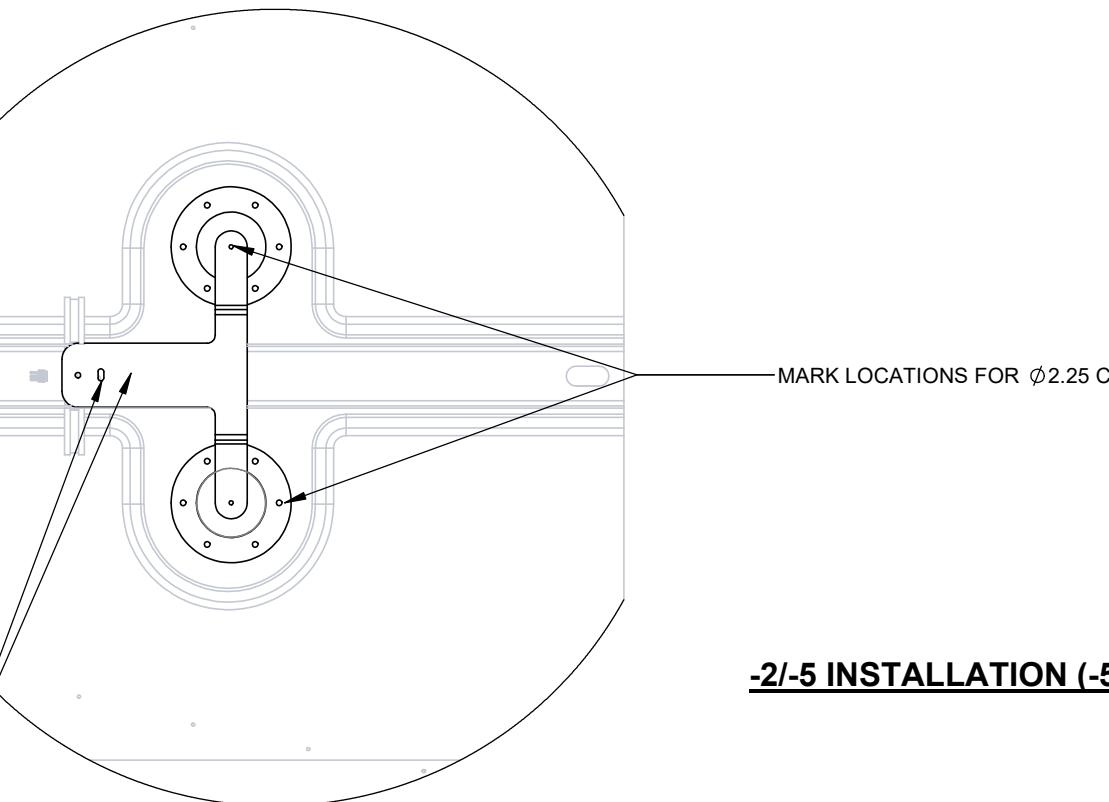




DETAIL B
<---FORWARD
(AFT EVAP REMOVED FOR CLARITY)



DETAILS



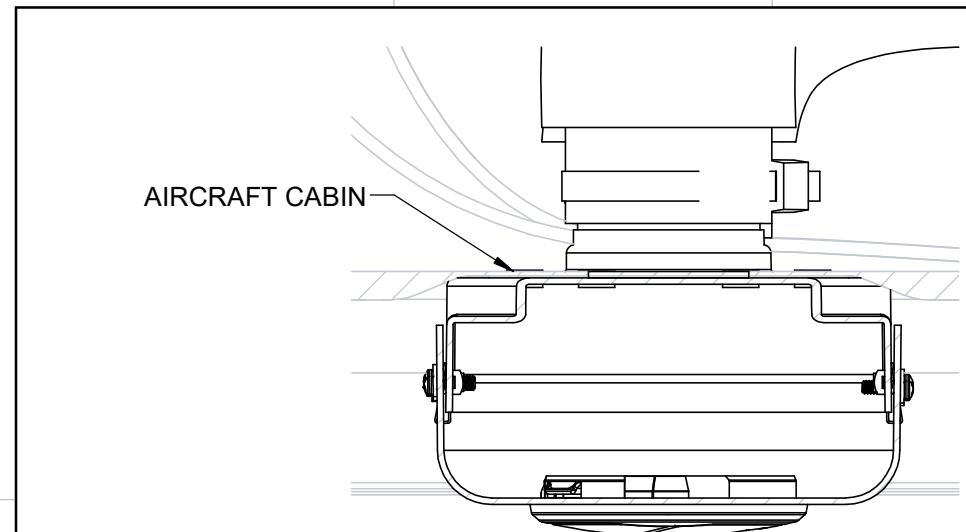
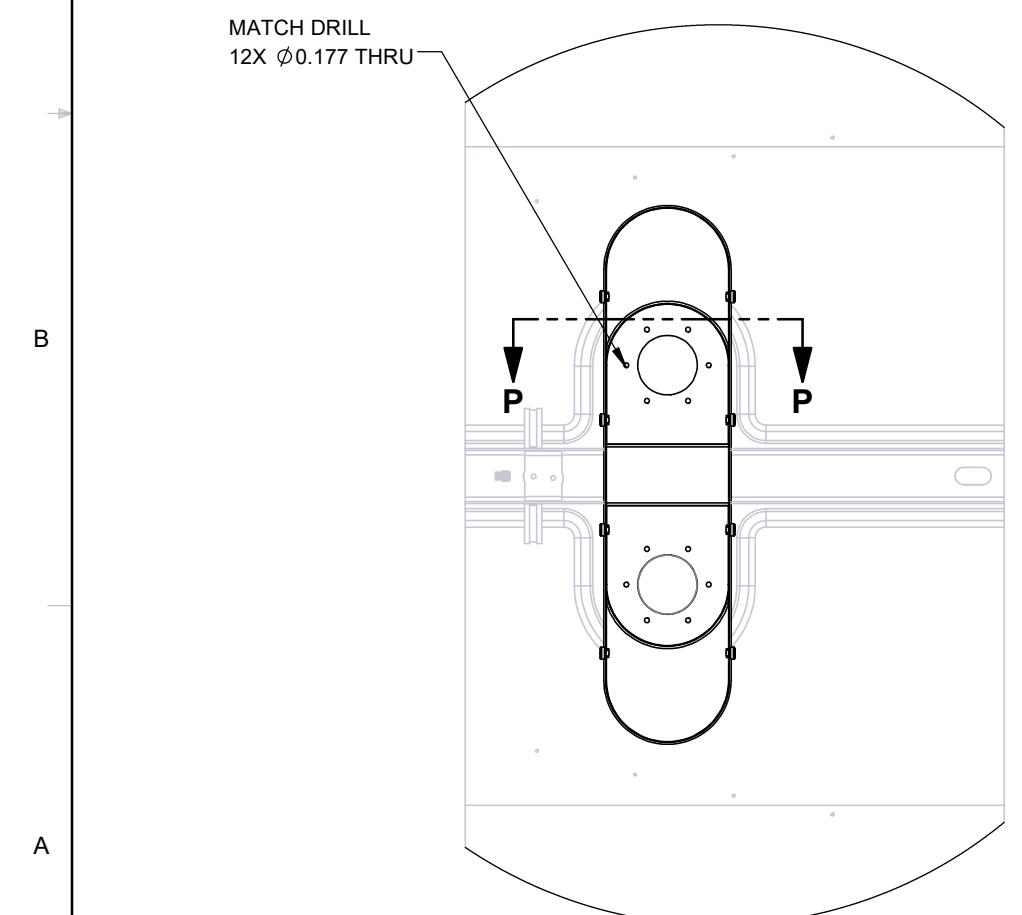
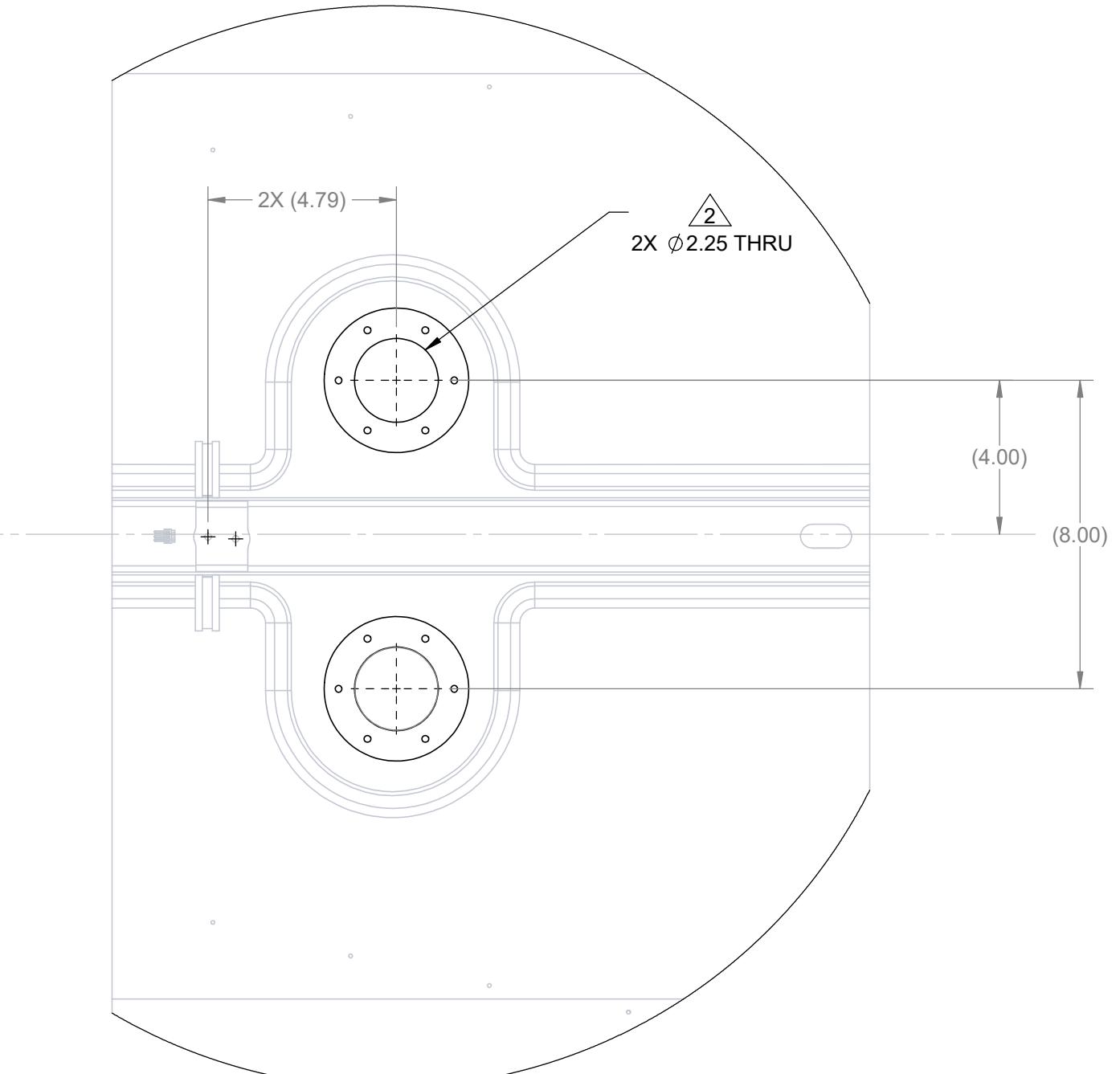
DETAILED <--- FORWARD

-2/-5 INSTALLATION (-5 S)

ATTACH SLIGNMENT TOOL USING
ORIGINAL MAP LIGHT HARDWARE

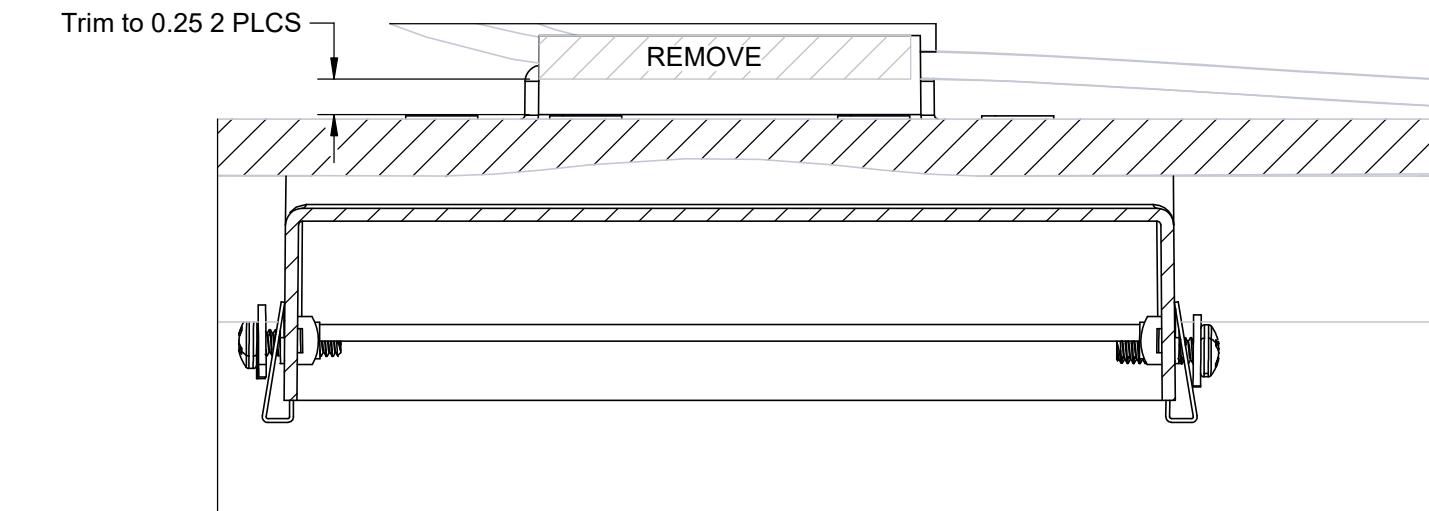
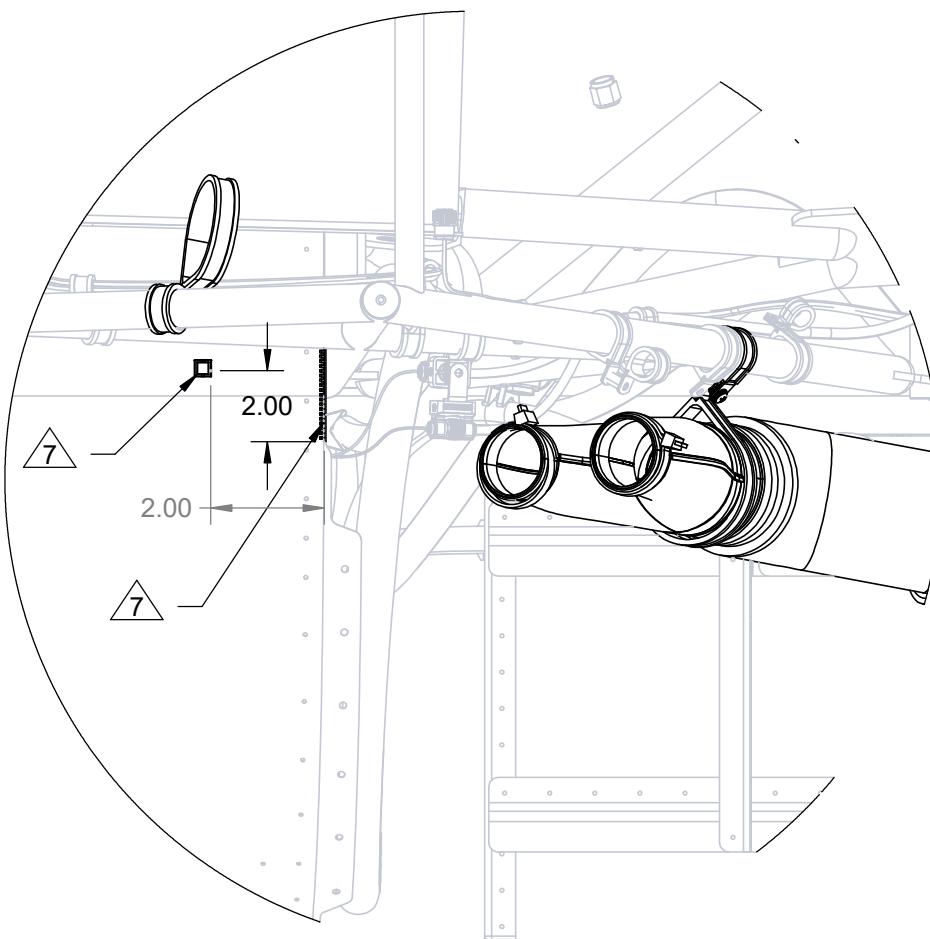
2
C

OWN)	DESIGN	UNLESS OTHERWISE NOTED	PARAVION TECHNOLOGY INC	2001 AIRWAY AVENUE
	DRAWN	DIMENSIONS IN INCHES	dba DART AEROSPACE LTD	FORT COLLINS, CO 80524
	CHECKED	TOLERANCES: X = ± .1 XX = ± .05 .XXX = ± .010 ANGLES = ± 1°	DRAWING NO.	www.paravion.com
	MFG. APPR.		505AC-524	REV. K
	APPROVED		TITLE	SHEET 3 OF 11
	DE APPR.	BREAK SHARP EDGES: 0.005 - 0.010	OUTLET PLENUM INSTALLATION	SCALE NTS
	DATE YY.MM.DD	 THIRD ANGLE PROJECTION	CAGE CODE 3CMA0	COPYRIGHT © 2022 BY PARAVION TECHNOLOGY INC THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM PARAVION TECHNOLOGY INC dba DART AEROSPACE LTD

**PLENUM BASE INTSALLATION****DETAIL F
<--- FORWARD****-2/5 INSTALLATION (-5 SHOWN)**2
C7**DETAIL E
AFTER Ø2.25 HOLE CUT-OUT
<--- FORWARD**2
C7

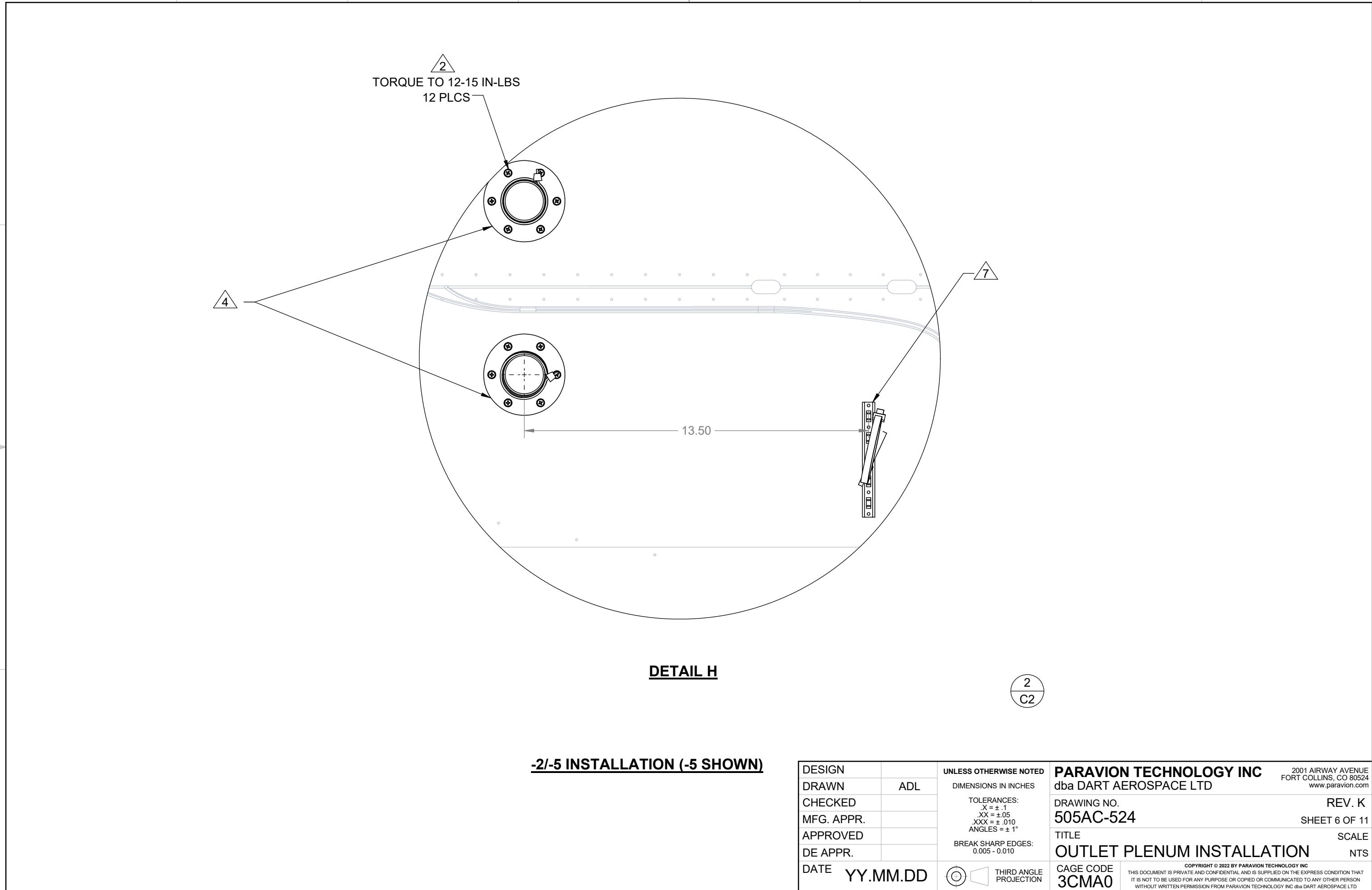
DESIGN		UNLESS OTHERWISE NOTED	PARAVION TECHNOLOGY INC
DRAWN	ADL	DIMENSIONS IN INCHES	dba DART AEROSPACE LTD
CHECKED		TOLERANCES:	2001 AIRWAY AVENUE
MFG. APPR.		X = ±.1 .XX = ±.05 .XXX = ±.010	FORT COLLINS, CO 80524
APPROVED		ANGLES = ± 1°	www.paravion.com
DE APPR.		BREAK SHARP EDGES:	
DATE	YY.MM.DD	0.005 - 0.010	REV. K
			SHEET 4 OF 11
		THIRD ANGLE PROJECTION	SCALE
			NTS
			CAGE CODE
			3CMA0

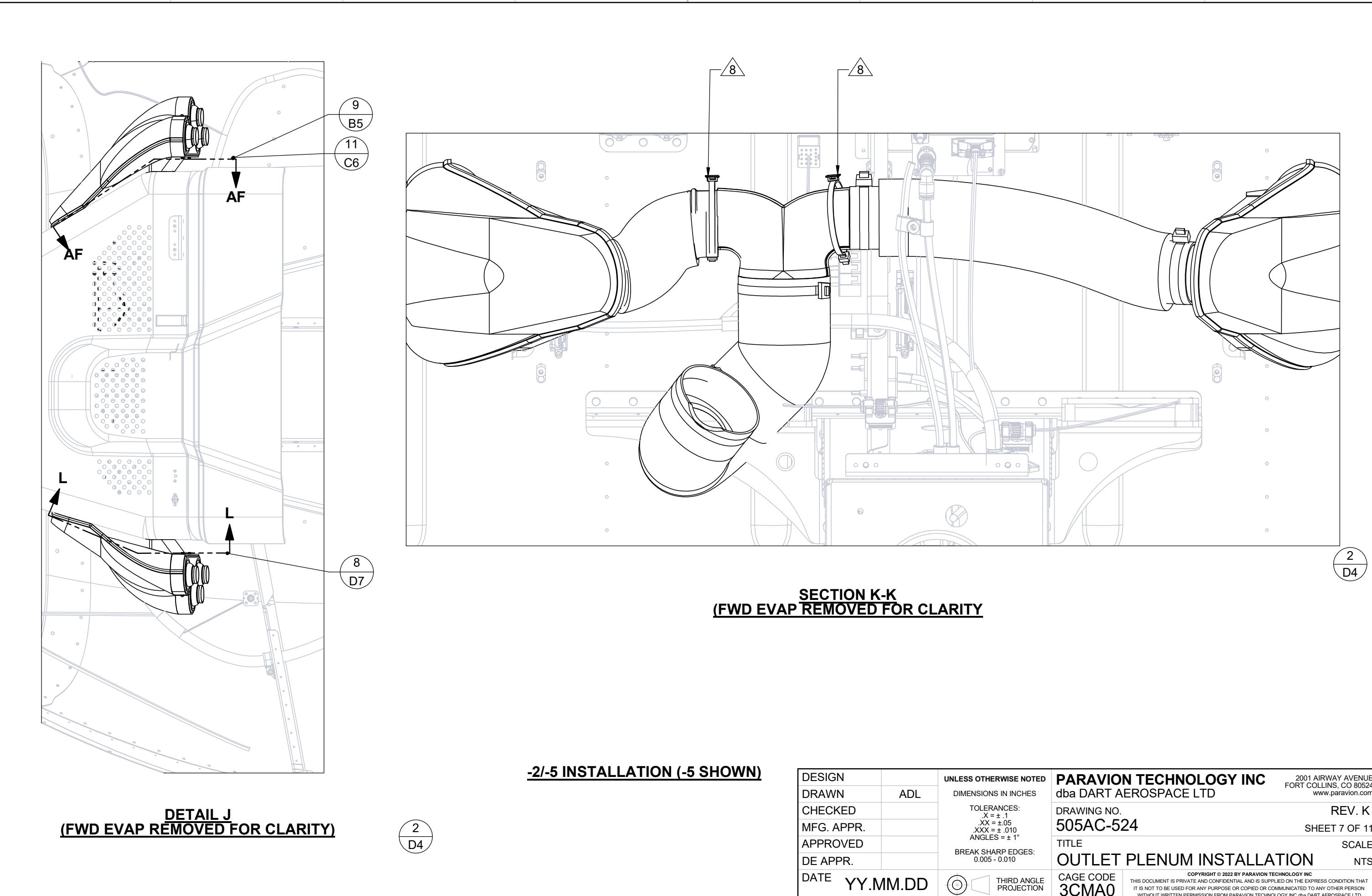
COPYRIGHT © 2022 BY PARAVION TECHNOLOGY INC
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT
IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON
WITHOUT WRITTEN PERMISSION FROM PARAVION TECHNOLOGY INC dba DART AEROSPACE LTD

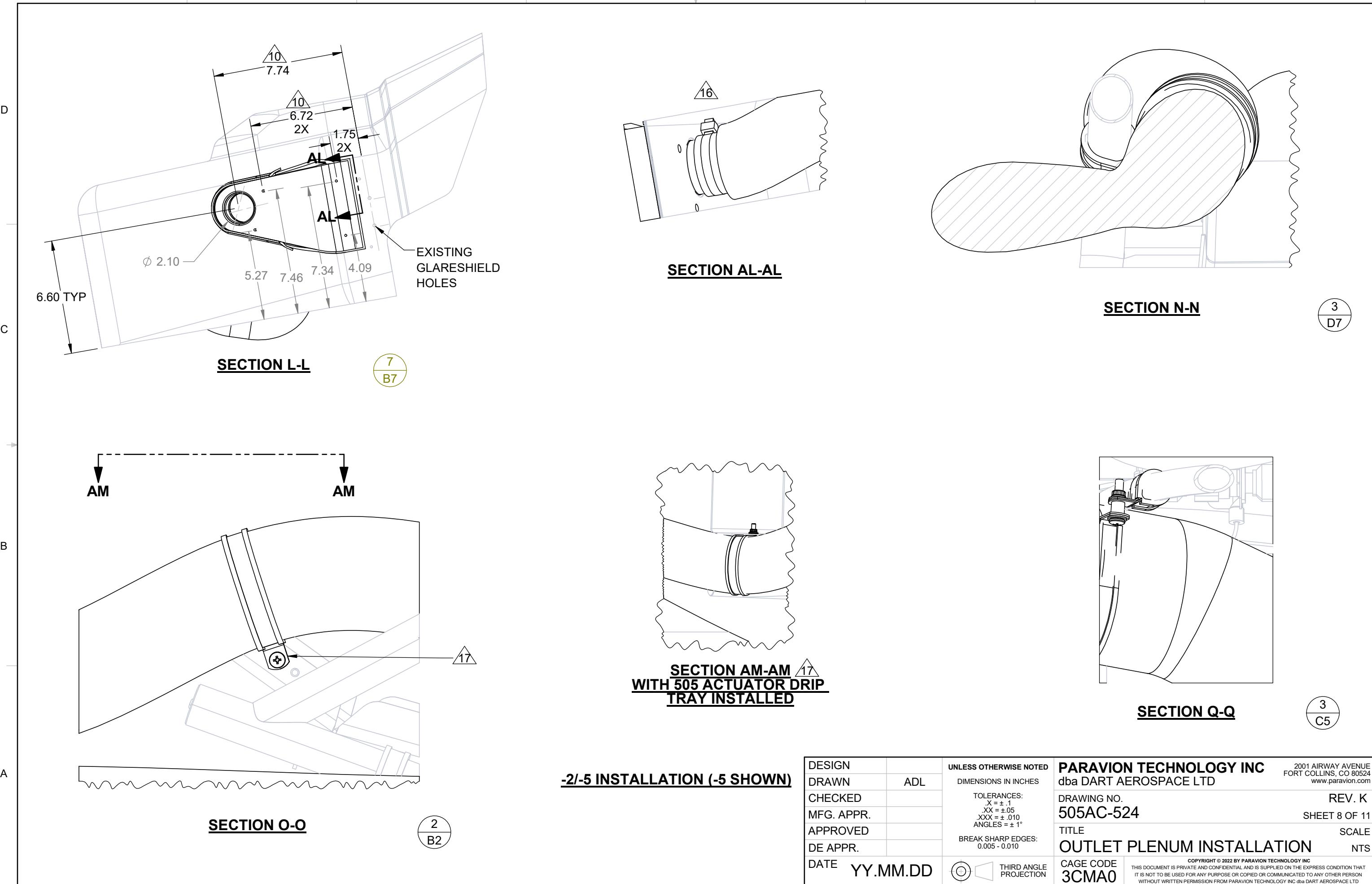
PLENUM BASE - DUCT TRIMSECTION G-G
<--- FWD2
B2DETAIL I
(DUCTING REMOVED FOR CLARITY)2
B2-2/5 INSTALLATION (-5 SHOWN)

DESIGN		UNLESS OTHERWISE NOTED	PARAVION TECHNOLOGY INC
DRAWN	ADL	DIMENSIONS IN INCHES	dba DART AEROSPACE LTD
CHECKED		TOLERANCES:	2001 AIRWAY AVENUE FORT COLLINS, CO 80524 www.paravion.com
MFG. APPR.		X = $\pm .1$ XX = $\pm .05$ XXX = $\pm .010$ ANGLES = $\pm 1^\circ$	REV. K
APPROVED		BREAK SHARP EDGES:	SHEET 5 OF 11
DE APPR.		0.005 - 0.010	SCALE
DATE	YY.MM.DD	THIRD ANGLE PROJECTION	NTS
CAGE CODE	3CMA0		

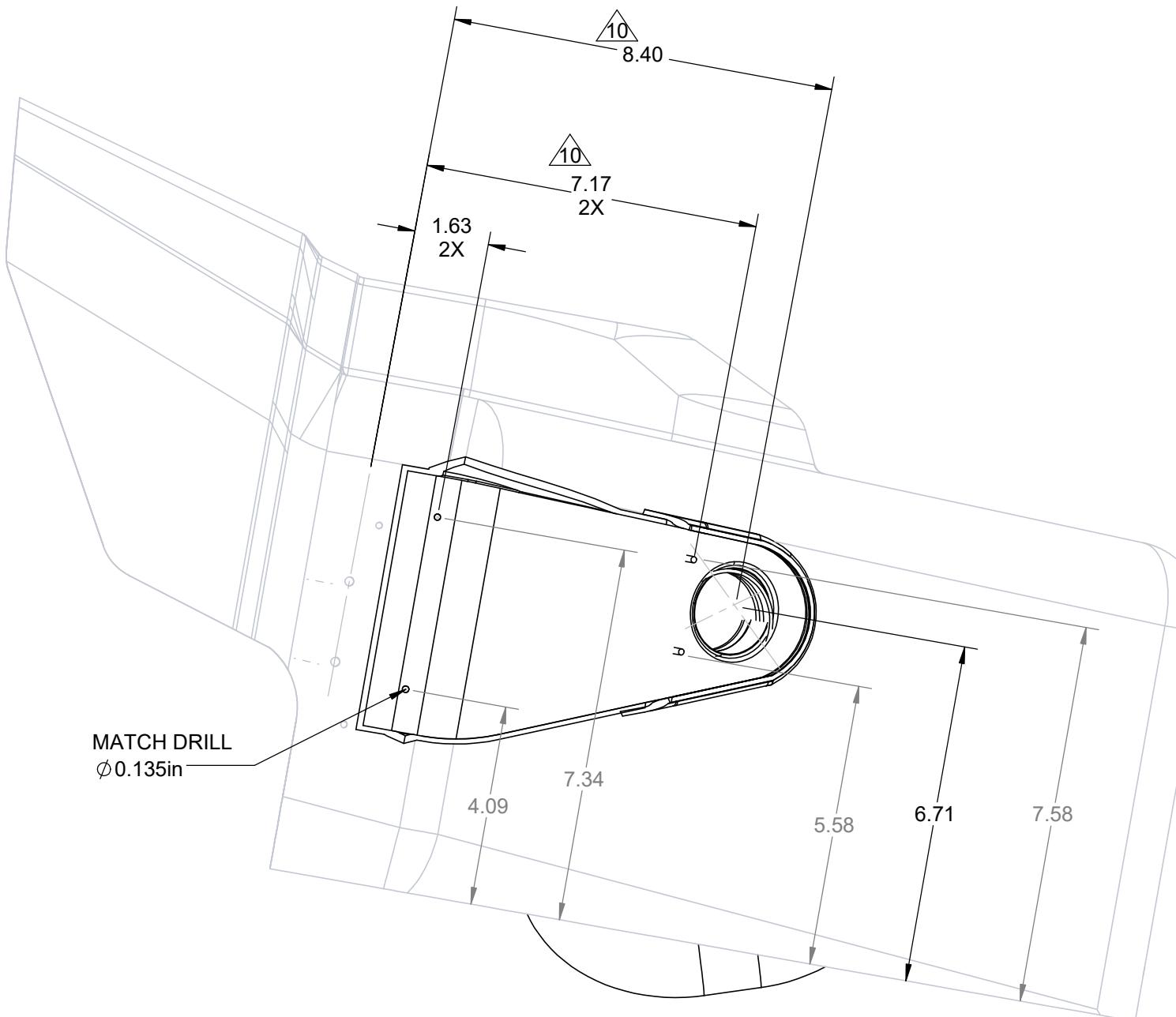
COPYRIGHT © 2022 BY PARAVION TECHNOLOGY INC
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT
IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON
WITHOUT WRITTEN PERMISSION FROM PARAVION TECHNOLOGY INC dba DART AEROSPACE LTD





-2/-5 INSTALLATION (-5 SHOWN)

DESIGN DRAWN	ADL	UNLESS OTHERWISE NOTED	PARAVION TECHNOLOGY INC
CHECKED		DIMENSIONS IN INCHES	dba DART AEROSPACE LTD
MFG. APPR.		TOLERANCES: X = $\pm .1$ XX = $\pm .05$ XXX = $\pm .010$ ANGLES = $\pm 1^\circ$	
APPROVED		BREAK SHARP EDGES: 0.005 - 0.010	
DE APPR.		DATE YY.MM.DD	CAGE CODE 3CMA0
		THIRD ANGLE PROJECTION	2001 AIRWAY AVENUE FORT COLLINS, CO 80524 www.paravion.com
			REV. K
			SHEET 8 OF 11
			SCALE NTS
			COPYRIGHT © 2022 BY PARAVION TECHNOLOGY INC THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM PARAVION TECHNOLOGY INC dba DART AEROSPACE LTD



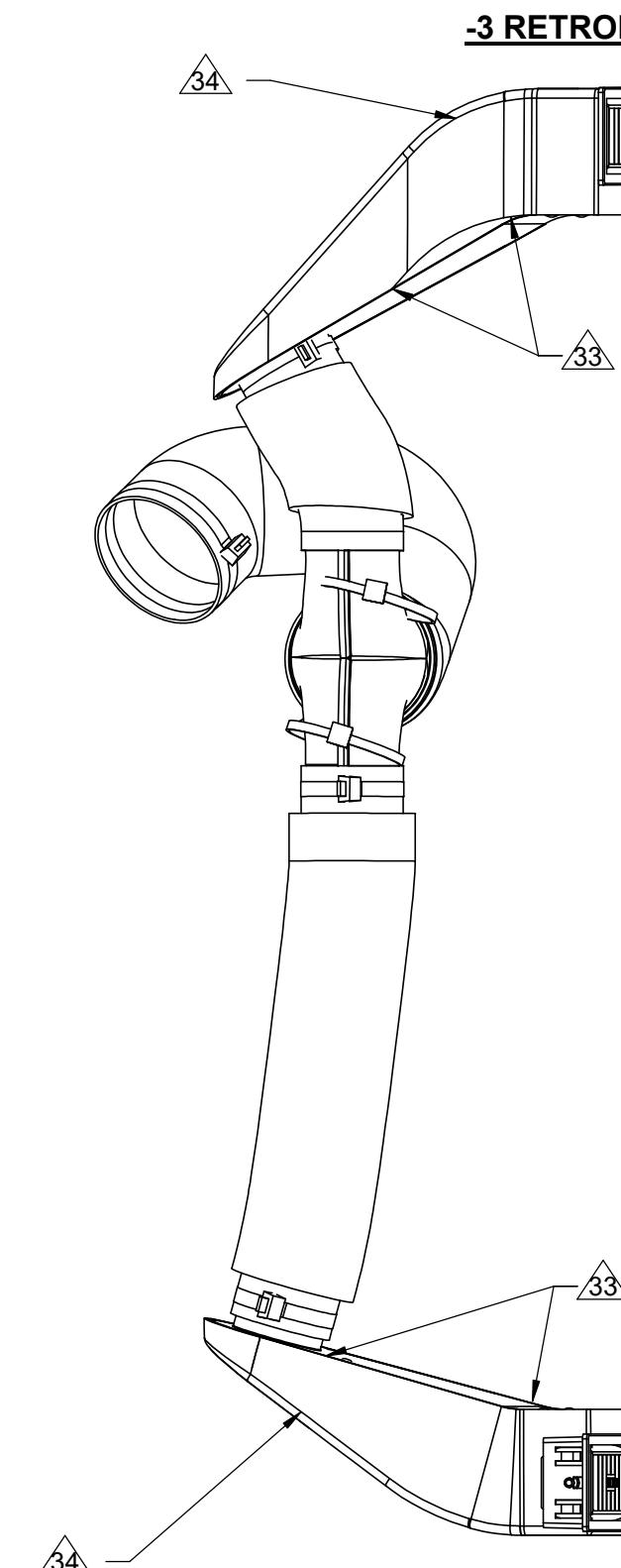
7
D7

SECTION AF-AF
RH SIDE OUTLET HOLE DIMENSIONS

-2/-5 INSTALLATION (-5 SHOWN)

DESIGN		UNLESS OTHERWISE NOTED	PARAVION TECHNOLOGY INC
DRAWN	ADL	DIMENSIONS IN INCHES	dba DART AEROSPACE LTD
CHECKED		TOLERANCES:	2001 AIRWAY AVENUE FORT COLLINS, CO 80524 www.paravion.com
MFG. APPR.		X = ± .1 XX = ± .05 XXX = ± .010 ANGLES = ± 1°	REV. K
APPROVED		BREAK SHARP EDGES:	SHEET 9 OF 11
DE APPR.		0.005 - 0.010	SCALE
DATE	YY.MM.DD	THIRD ANGLE PROJECTION	NTS
		CAGE CODE	OUTLET PLENUM INSTALLATION
		3CMA0	COPYRIGHT © 2022 BY PARAVION TECHNOLOGY INC THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM PARAVION TECHNOLOGY INC dba DART AEROSPACE LTD

QTY	P/N	DESCRIPTION
-3		
X	505AC-524-3	RETROFIT
8	140-001-1	WASHER
8	1624-0411	RIVET
1	505AC-5220-71	LH OUTLET HOUSING ASSY
1	505AC-5220-70	RH OUTLET HOUSING ASSY
2	505AC-5220-77	OUTLET CAP ASSY
2	MS3367-3-0	ZIP TIE
8	SRVO-2672B	SNAP RIVET



D

D

C

C

B

B

A

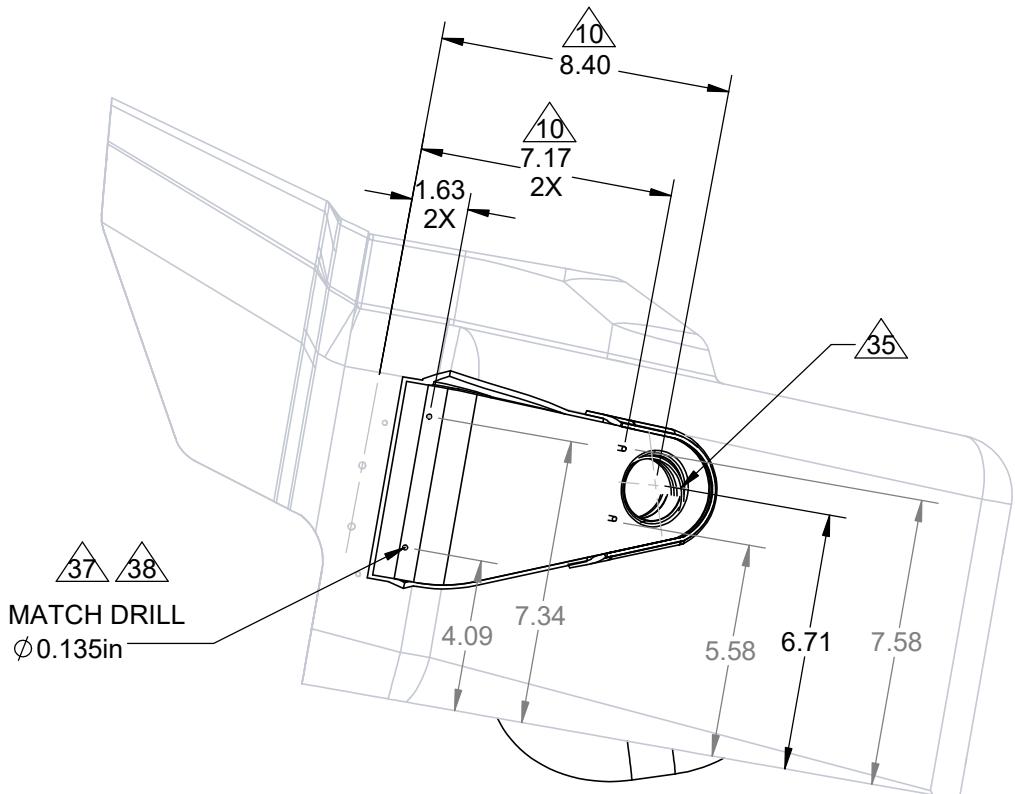
A

RETROFIT INSTRUCTIONS:

- 31 REMOVE EXISTING INSTRUMENT PANEL DISPLAYS.
- 32 CUT EXISTING ZIP TIE AND DISCONNECT DUCTING FROM EXISTING OUTLETS.
- 33 DRILL OUT EXISTING RIVETS 8X.
- 34 UNINSTALL EXISTING 505AC-5220-50 & -51 OUTLETS, ES72184-1 LOUVER ASSEMBLIES, AND FASTENING HARDWARE.

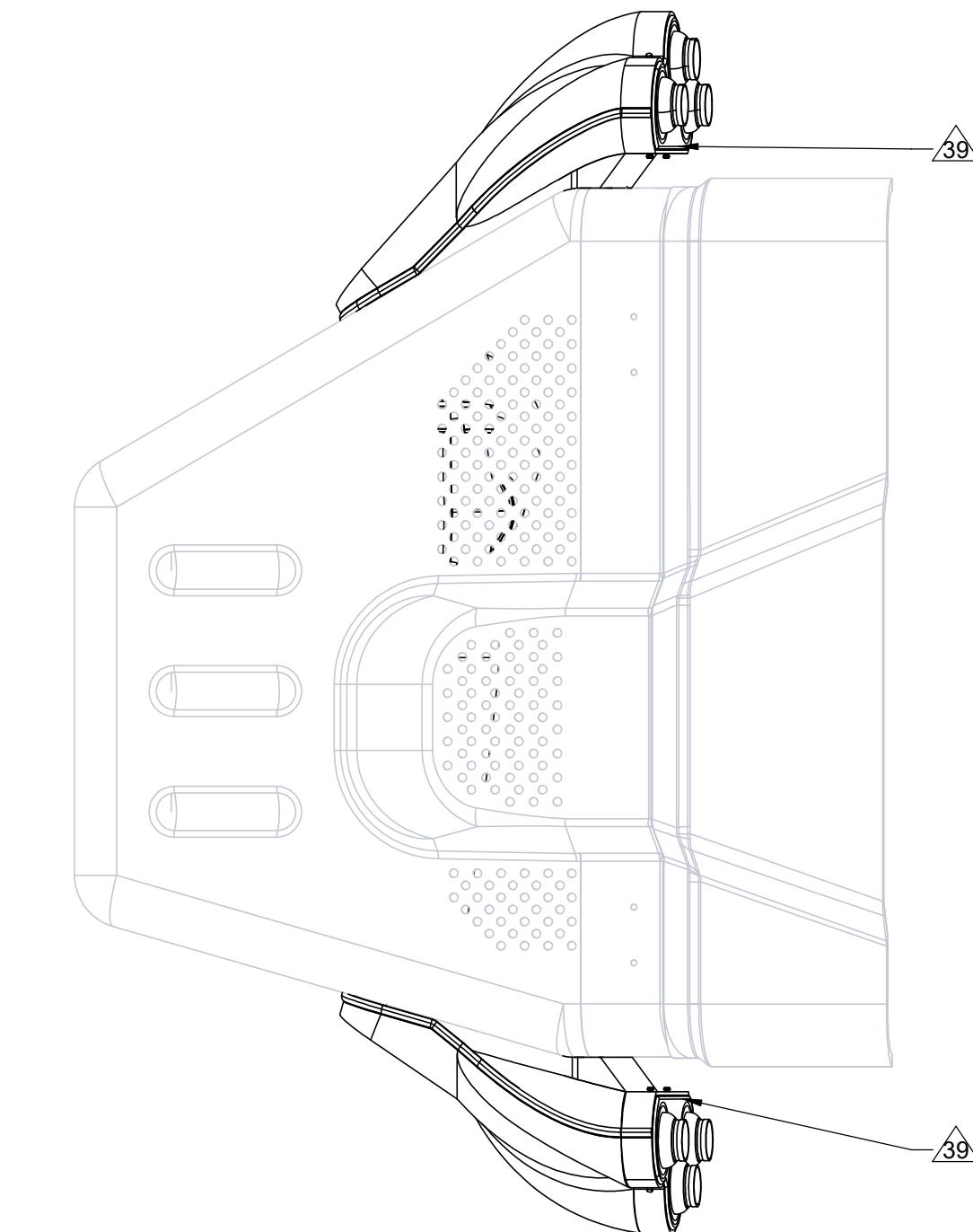
DESIGN DRAWN	ADL	UNLESS OTHERWISE NOTED DIMENSIONS IN INCHES	PARAVION TECHNOLOGY INC dba DART AEROSPACE LTD
CHECKED		TOLERANCES: X = ±.1 XX = ±.05 XXX = ±.010 ANGLES = ± 1°	2001 AIRWAY AVENUE FORT COLLINS, CO 80524 www.paravion.com
MFG. APPR.			REV. K
APPROVED			505AC-524
DE APPR.		BREAK SHARP EDGES: 0.005 - 0.010	SHEET 10 OF 11
DATE	YY.MM.DD	THIRD ANGLE PROJECTION	SCALE NTS
CAGE CODE	3CMA0		

COPYRIGHT © 2022 BY PARAVION TECHNOLOGY INC
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT
IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON
WITHOUT WRITTEN PERMISSION FROM PARAVION TECHNOLOGY INC dba DART AEROSPACE LTD

-3 RETROFIT

SECTION AF-AF
RH SIDE OUTLET HOLE DIMENSIONS
MIRRORED OPPOSITE SIDE

7
D7

RETROFIT INSTRUCTIONS:

35 POSITION 2X OUTLET HOUSING ASSEMBLIES ON EXISTING DUCTING HOLE, ATTACH DUCTING USING 2X ZIP TIE.

36. ALIGN HOUSING ASSEMBLIES BY ROTATING HOUSING ASSEMBLIES FRONT FACE TO BE PARALLEL WITH INSTRUMENT PANEL FACE.

37 MATCH DRILL OUTLET HOUSING ASSEMBLIES TO EXISTING RIVET HOLES, 8X Ø0.135 IN.

38 INSTALL OUTLET HOUSING ASSEMBLIES USING 8X RIVETS & WASHERS RIVET HEAD INSIDE INSTRUMENT PANEL SHROUD; WASHER AND RIVET SHANK INSIDE OUTLET.

39 INSTALL OUTLET CAP ASSEMBLIES TO HOUSING ASSEMBLIES 2X, USE 4X PLASTIC SNAP RIVETS PER SIDE.

DESIGN DRAWN	ADL	UNLESS OTHERWISE NOTED DIMENSIONS IN INCHES	PARAVION TECHNOLOGY INC dba DART AEROSPACE LTD
CHECKED		TOLERANCES: X = ±.1 XX = ±.05 XXX = ±.010 ANGLES = ± 1°	DRAWING NO.
MFG. APPR.			505AC-524
APPROVED			SCALE
DE APPR.		BREAK SHARP EDGES: 0.005 - 0.010	NTS
DATE	YY.MM.DD	THIRD ANGLE PROJECTION	CAGE CODE
			3CMA0

COPYRIGHT © 2022 BY PARAVION TECHNOLOGY INC
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT
IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON
WITHOUT WRITTEN PERMISSION FROM PARAVION TECHNOLOGY INC dba DART AEROSPACE LTD